Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 02 Jul 2023 until 23:59 on Monday 03 Jul 2023

Forecast Issued on Sunday 02 Jul 2023 at 03:54

Confidence: High confidence in the overall weather situation for the next couple of days, although slightly lower for rain and cloud details. Uncertainty rises midweek.

Headline for Sunday 02 Jul 2023: A day of sunny spells and mostly light showers. Windy.

Mountain weather hazards on Sunday 02 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Light rain showers	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	30%	40%	20%	20%	10%

Forecast for Sunday 02 Jul 2023

Weather: Variable cloud to start, with clear or bright spells in the east. Cloudier towards Manchester where showers feed in across northwestern Peaks. Blustery showers developing more widely by the afternoon, perhaps with the odd heavier burst. Sunny spells are likely through the day, with the best of conditions in the east of the park, where it may stay dry for much of the day. Showers gradually becoming more isolated by the evening.

Chance of cloud-free hill tops above 600m: 60% in the northwest, becoming 90% by midday. 90% elsewhere.

Low cloud and visibility: Banks of low cloud with bases of around 600m may initially cover some higher summits in the west and northwest, but should lift above through the morning. Scraps of cloud may lower to briefly shroud higher peaks in drizzly or heavier showers. Visibility generally very good, likely dropping to poor in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 02 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/28 W	26/32 W	26/34 W	25/34 W	23/32 W	19/27 W	17/24 W
300	16/21 W	21/28 W	22/31 W	21/30 W	20/30 W	15/24 W	13/21 W
Valley	12/24 W	15/27 W	17/32 W	18/34 W	16/32 W	11/24 W	9/21 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	10/5	10/6	11/7	11/7	9/6	8/4
300	11/8	12/9	14/10	14/10	14/10	12/9	11/8
Valley	12/9	14/11	15/12	16/12	14/11	12/10	11/9
Freezing Level*	1800m	1800m	1800m	1800m	1800m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to High UV levels are forecast with sun protection recommended. Feeling chilly at height, where windy conditions will make for fairly arduous walking, similar for exposed or elevated routes.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 02 Jul 2023	2.4mm	18.8mm	18.8mm

Forecast for Monday 03 Jul 2023

Weather: A few showers at first, mainly in the west with clearer spells towards the east. Cloud thickening and scattered showers developing by mid-morning ahead of an area of rain and showers that will push east across the Peaks through the day. Showers likely turning heavy at times through the afternoon, with the possibility of merging to give longer spells of rain and some potentially thundery downpours. Showers largely expected to die out overnight, with a few, mainly light or drizzly, showers across western hills.

Maximum wind: West or southwest 20-25mph, with frequent gusts around 30-40mph.

Chance of cloud-free hill tops above 600m: 90%, dropping to 60% in the west as rain arrives. Increasing 80% later.

Low cloud and visibility: Cloud comfortably above summits overnight. Cloud thickening and lowering through the morning, perhaps to 500-600m in the west but likely staying above summits further east. Some higher tops briefly obscured during heavy showers. Visibility very good, but likely frequently dropping to poor in rain and showers.

Temperature: **Valleys:** Plus 09 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 07 Celsius, rising to Plus 12 Celsius.
Freezing level: Above summits.

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